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**RSM(Software Solutions)**

**Software Developer Sep 2014 - Present**

**(.Net Framework - C# Language, Angular 2 Framework – Typescript language)**

When I joined RSM, then known as Baker Tilly, I started work on a few projects. My initial project within RSM was **4audit**, a desktop application which captures the full work flow of an assignment for auditing and proactive fraud assignments. The tool enables a full audit trail to be captured: planning, fieldwork, reporting, quality assurance and file closure. The tool is accessible to all within the Risk Assurance faculty. The application was written in C# using MVVM software architectural pattern and built on the .Net framework. We worked with PRISM which is a Microsoft framework which assists you to design and build, flexible, and easy-to-maintain complex applications specific to Windows Presentation Foundation (WPF) desktop applications. The main advantage of this framework is the use is to split the complete application into modules minimizing the cross-team dependencies and allows different members to work in different areas of the application, such as user interface design, business logic implementation, and code development. We also used Entity Framework is an open-source ORM framework for .NET applications supported by Microsoft. It enables developers to work with data using objects of domain specific classes without focusing on the underlying database tables and columns where this data is stored.

The second project I worked on was the upgraded version(V2) of an existing suite of applications called Insight4GRC which is a powerful cloud-based governance, risk and compliance software suite. **The products that form part of the Insight4GRC suite provide management teams with the tools needed to monitor and control performance, assess organisational risks, track assigned actions, enable employees' awareness, and facilitate company policy awareness and acceptance. So far in the process we have created one module (4action -** action tracking software**) which has been launched and coming to the end of another (4policies -** policy awareness and acceptance software**). For the insight suite we used two languages, the front end was written in Typescript using the angular framework and the back end was written in C#. Initially we used EFCore however this proved to be slow, so we switched to using Dapper ORM. Other technologies used Mediator which is a behavioural pattern that focuses on** providing a mediator between objects for communication and help in implementing lose-coupling between objects. **We also used SQL Server for storing and retrieving data for the application.**

As part of a medium sized team I was responsible for writing various areas of the multiple applications this ranged from creating entire pages to small sections across the applications.

liaising with members in the team from product owner, testing and development (senior members) to ensuring the application was user friendly at the highest level and as much bug free as possible we can make it. At RSM we follow the SCRUM process working in an agile environment to produce a high quality of work which is managed on Azure Dev Ops (Visual Studio Team Foundation). At RSM, I have had the privilege of also being a Scrum Master. Within the team this was alternated between members. Whilst a scrum master, I was expected to ensure Product Owner was available, eliminating blockers or finding ways around them for the development team and ensuring meetings were held in appropriate locations.

***Digicology (Superstat Group) Oct 2013 - April 2014***

***Junior C# Developer using MVC***

While working at Digicology I was working on a project that took PDF catalogues and converted them to on line e-commerce web sites. The application consisted of two main parts: a catalogue for customers to order on and the administration area where the catalogues could be generated, maintained and statistics analysed. links to view the web sites both the dashboard and a sample catalogue;

[www.digicology.biz](http://www.digicology.biz/), <http://www.digicology.co.uk/digicology/digicology>.

The project was written in visual studio 2012 using MVC4 and c# and javascript. The data was stored in a SQL Server 2012 database and extracted using Entity Framework 6. The project was hosted on the Microsoft Azure Cloud platform.

As part of a small team I was responsible for writing the administration area of the system, where the system administrator could maintain the users and security and perform book administration tasks. I also wrote/crated the user forum area allowing customers to leave messages for he admin to see and respond to. My other duties involved adding enhancements and bug fixing through-out the application and testing the releases.

***Education and Qualifications***

**University of Bradford 2010 – 2013**

**BSc (Hons) Computer Science**

My Final Year project was about creating a bidding system similar to MadBid and Ebay. The system was intended to let user's(customer's) upload items, bid for items and then once the bid is complete the user was alowed the option to purchase the item or items. The system's participants should include a buyer, seller and an operator. Users will also be able to place a maximum bid and then software agents are used to work on behalf of the user to place bids for the item up until the maximum bid reached which is stated by the user.

Final Year Project 60 %

Web Engineering 62 %

Deploying Web Technologies 57 %

Advanced Database Systems 53 %

Computer Architecture & System Software 2 64 %

Symbolic & Declarative Computing & Artificial Intelligence 49 %

Data Structures & Algorithms 50 %

Computer Architecture & System Software 60 %

Developing Professional Skills 73 %

Foundations of Human Computer Interaction 58 %

Software Development 50 %

**Bradford College 2008 – 2010**

* BTEC System Support Distinction, Merit
* Key Skills: Literature Pass
* Key Skills: Application of Number Pass

**Hanson School 2003 – 2008**

**OCR Level 2 National Award:**

Web Page Creation Merit

Database Design and Use Pass

**GCSE:**

Applied Science Double Award C, C

Mathematics C

English D

Business Studies D

***Employment History***

**Premier Farnell Ltd Nov 2012 – Jan 2013**

**Warehouse operative**

* Printing and sending invoices
* Product checks
* Packing products

**TJ Hughes, Bradford Sept 2008 – Sept 2011**

**Sales Assistant**

* My role was to help customers with any queries and manage the till point.
* I was handling and resolving up to 70 customer queries per day which helped in developing my communication skills and gave me the ability to be professional in a work place.
* At the end of each day I had to cash up the tills on my floor which showed that senior management thought of me as a trust worthy person because they allowed me to handle large amounts of money.

**Aakash Restaurant, Cleckheaton July 2008 – Sept 2008**

**Waiter**

* My role was to serve and help customers with any queries they had.

***Additional Skills***

* Communication – At my previous work place I related to customers face-to-face to solve any queries they had, I also spoke to customers over the telephones and talked them through any problems they were having with any goods they previously purchased. I have spoken in front of large amount of groups and delivered individual presentations to big audiences.

***Activities and Interests***

Within society, I like listening to music and playing various sports, which include activities like football and cricket; however this summer I trained for the Leeds 10K and managed to complete the course in 58 minutes after setting a goal for an under an hour. My experience shows my ability to adapt to new situations. Also I have a thirst for knowledge and have a keen interest in reading.

***References***

**References available upon request.**